

SuspendRx™ Anhydrous *UNSWEETENED*

Oral Suspension Vehicle

SuspendRx™ Anhydrous Oral Suspension Vehicle (Unsweetened) allows for easy compounding of lipophilic, water-unstable APIs, or where aqueous stability of a drug in suspension is unknown. Our formulation is a natural, plant-based suspension vehicle with mild to no taste or odor and an elegant white opaque appearance. This vehicle utilizes triglycerides that are resistant to oxidation and naturally preservative-free. It gives pharmacists the convenience of a universal anhydrous suspension vehicle ($Aw \leq 0.6$) with excellent suspending properties and stability profile including extended beyond-use dating (BUD) per USP <795>.

With adults, children, and pets in mind, SuspendRx™ Anhydrous (Sweetened) (SKU: B0104) and SuspendRx™ Anhydrous (Unsweetened) are pharmaceutical-grade suspension vehicles that are allergen, dye, gluten, and antioxidant BHT-free. They have a smooth mouthfeel and are fortified with our **Bitter-Bloc™ Technology** for optimal palatability.

SKU	Size	NDC/Reference No.
B0100-80	500 mL	72467-0100-80
B0100-145	500 mL Case (6 x500 mL)	
B0100-85	4 L	72467-0100-85
B0100-87	4 L Case (4 x 4 L)	

Typical Applications:

- ✓ Pediatric compounding
- ✓ Geriatric compounding
- ✓ Veterinary compounding

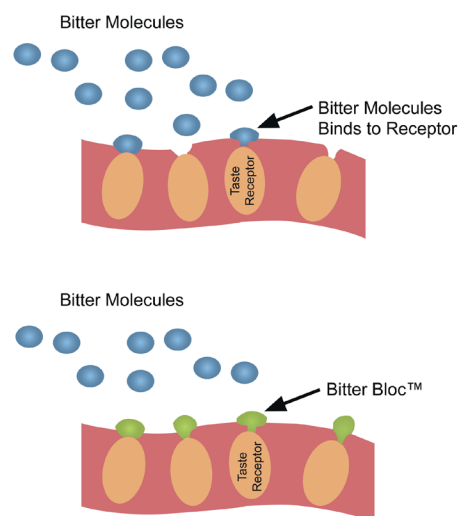
Highlights:

- ✓ Elegant palatability
- ✓ Pharmaceutical grade
- ✓ Natural plant-based ingredients
- ✓ Oxidation resistant
- ✓ Mild to no taste or odor
- ✓ Fortified with **Bitter-Bloc™ Technology**
- ✓ Non-GMO certified ingredients

- ✓ Preservative and dye-free
- ✓ Allergen-free/gluten-free
- ✓ Miscible with ethanol
- ✓ Water and oil miscible flavor ready
- ✓ Extended beyond-use dating (BUD) per USP <795>
- ✓ Free from corn, soy, dairy, tree nuts, sugar, wheat, and eggs
- ✓ GRAS status ingredients

How Bitter-Bloc™ Technology Works:

Bitter-Bloc™ is an advanced protein technology that naturally blocks flavor defects in various applications, addressing palatability issues found in many APIs and excipients. Unlike other products that merely mask unpleasant flavors, this innovative solution effectively prevents these defects from reaching taste buds, resulting in a cleaner taste profile. This organic, water-soluble protein has been validated by third-party studies to modulate over 16 of the 25 bitter taste receptors on the tongue, significantly reducing bitterness perception. Additionally, it eliminates salty, metallic, astringent, and other off-notes in liquid, powder, or tablet-based oral formulations. With its versatile formulation capabilities, this protein technology offers a comprehensive solution for improving the taste profiles of compounded prescriptions, enhancing patient compliance and satisfaction.



Category	Oral Suspension Vehicle
Appearance	White opaque liquid
Description	SuspendRx™ Anhydrous (Unsweetened) is an oral suspension vehicle used to compound oral medications where an anhydrous suspension vehicle is desired. For compounding oral pediatric, geriatric, and veterinary medications.
Ingredients	Medium Chain Triglycerides (MCT), Lipids, Glyceryls, Bitter-Bloc™ (Natural Flavor Enhancer). Sugar and artificial sweetener free.
Allergy	Per the 2004 Food Allergen Labeling and Consumer Protection Act, no allergen declarations are required for this product as relating to corn, milk, egg, tree nuts, fish, crustacean shellfish, wheat, peanuts, gluten, and soybeans.
Technical Data	Shelf Life: 2 years from date of manufacture when stored in original, unopened container in a cool, dry place. Ingredients are naturally oxidation resistant. Density approx. 0.98 g/mL. Triglycerides Acid Value Specification is ≤ 0.20 mgKOH/g. Melting point/range $< -5^{\circ}\text{C}$. Viscosity 80-170 cP. Water Activity (Aw) ≤ 0.6 (Typical $<0.4\text{Aw}$). Total Plate Count, Aerobic <103 CFU/g (Typical <10 CFU/g). Use of high shear produced from a homogenizer is not recommended and could adversely affect the suspending properties.
Safety Data	All ingredients classified as "Generally Recognized As Safe" (GRAS) and inactive excipient ingredients by the US FDA.
Handling & Storage	Comment: Shake well prior to use. Storage Conditions: Product can be stored at ambient conditions for temperature (18-26°C), pressure, and humidity. Product should be kept in a tightly sealed container in cool, dry conditions.
Comments	MSDS is available upon request. Some studies have shown this product is not compatible with Ciprofloxacin and Erythromycin. Product may dissolve graduated ink markings on certain dispensing syringes. Care should be taken to prevent contact with markings and labels. Certain syringe plungers are not compatible with anhydrous suspension vehicles similar to SuspendRx™ Anhydrous (Sweetened). Compatible with SpecializedRx Syringes, Oral Dispensing w/Tip Caps . Contact a SpecializedRx representative for questions and further use guidance. Email: sales@specializedrx.com